Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 01 Sep 2023 until 23:59 on Saturday 02 Sep 2023

Forecast Issued on Thursday 31 Aug 2023 at 15:45

Confidence: High for the overall evolution but moderate for the clearance time of the rain tomorrow. Moderate for the intensity of the showers in the afternoon.

Headline for Friday 01 Sep 2023: Murky with persistent rain and drizzle. Improving slowly.

Mountain weather hazards on Friday 01 Sep 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Dull	Light rain	Drizzle	Light rain	Drizzle	Fog	Fog	Mist
Precipitation probability							
50%	80%	90%	80%	70%	50%	40%	30%

Forecast for Friday 01 Sep 2023

Weather: A murky day overall, with extensive low cloud, mist, rain and drizzle. The rain will be mostly light but persistent, easing very gradually whilst often turning to drizzle. Western parts may become dry later in the afternoon but the cloud will often be lower in the east and thick enough to produce some precipitation through most of the day. Conditions are expected to improve and become dry during the evening, with a few clear spells but a chance of mist and fog in western parts later in the night.

Chance of cloud-free hill tops above 600m: 10-20% at first, slowly improving to 60-70% by dusk.

Low Cloud and visibility: Poor to very poor at most heights, with extensive low cloud as low as 300m but perhaps less in any outbreak of drizzle. Visibility becoming mediocre or good locally, with cloud lifting above summits in the latter part of the afternoon but perhaps lingering at 600m in the far southwest.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Friday 01 Sep 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/22 E	10/17 E	12/19 E	12/18 E	11/17 E	11/18 E	12/19 E	11/18 E	9/16 E
300	8/19 E	7/16 E	10/19 E	11/19 E	10/17 E	10/17 E	10/19 E	10/19 E	7/15 E
Valley	8/19 E	7/16 E	8/17 E	10/18 E	9/16 E	9/16 E	9/16 E	9/17 E	8/14 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/7	9/7	10/7	10/8	12/10	12/10	11/9	10/8	10/8
300	12/10	12/10	11/10	13/11	14/13	15/13	14/12	12/10	12/10
Valley	13/12	13/12	13/12	15/13	16/15	17/15	15/14	14/12	13/12
Freezing Level*	2800m	2700m	2600m	2600m	2500m	2500m	2500m	2500m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some good navigation skills required if you intend to walk out of the beaten tracks, with a lack of reference points and neighbouring hills barely visible. Waterproof clothing highly recommended

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 31 Aug 2023	0.2mm	1.2mm	5mm

Forecast for Saturday 02 Sep 2023

Weather: Some mist and a few patches of low cloud quickly dissipating to sunny spells and fair weather cloud. Generally dry although the odd light shower cannot be ruled out, mostly in the south of the park.

Maximum wind: Easterly 18mph.

Chance of cloud-free hill tops above 600m: 80% rising to 95% or more during the morning.

Low Cloud and visibility: Poor at height locally, with cloud as low as 500m, but quickly becoming very good all around.

Temperature: **Valleys:** Plus 14 Celsius increasing to plus 21 Celsius
At 600m: Plus 10 Celsius increasing to plus 16 Celsius.
Freezing level: Above summits.

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